5. (Twice Amended) The method according to claim 29 [1], wherein said [curve group] projected group [plurality] of [projected] lines comprises a spline curve group.

9. (Twice Amended) A computer- readable medium having stored thereon a plurality of sequences of instructions[, said plurality of sequences of instructions including sequences of instructions] which, when executed by a processor, cause said processor to generate three-dimensional form data by performing the steps of:

preparing a three-dimensional form data representing a three-dimensional form model;

[generating two-dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines corresponding to a three-dimensional form model;]

projecting two-dimensional horizontal closed curves encircling the three-dimensional form model with leaving a space to the three-dimensional form model and vertical lines intersecting the closed curves to the three-dimensional form model [horizontal closed curves including a three-dimensional form model and vertical lines intersecting the closed curves] to generate a group of curves along a surface of the three-dimensional [three dimensional] form model; and

modifying the group of curves by moving a curve or curves in the group along a surface of the three-dimensional form model.

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13.   (Twice Amended) A computer-readable medium having stored thereon a plurality of sequences of instructions[, said plurality of sequences of instructions including sequences of instructions] which, when executed by a processor, cause said processor to generate three-dimensional form data by performing the steps of:

preparing a three-dimensional form data representing a three-dimensional form model;

[generating two-dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines corresponding to a three-dimensional form model;]

projecting two-dimensional horizontal closed curves encircling the three-dimensional form model with leaving a space to the three-dimensional form model and vertical lines intersecting the closed curves to the three-dimensional form model [horizontal closed curves including a three-dimensional form model and vertical lines intersecting the closed curves] to generate a group of curves along a surface of the three-dimensional [three dimensional] form model; and

modifying the group of curves by adding a curve or curves projected to the three-dimensional form model to the group of curves.

17.   (Twice Amended) A computer-readable medium having stored thereon a plurality of sequences of instructions[, said plurality of sequences of instructions including sequences of instructions] which, when executed by a processor, cause said processor to generate three-dimensional form data by performing the steps of:

preparing a three-dimensional form data representing a three-dimensional form

model; [generating two-dimensional horizontal closed curves and vertical lines

intersecting the closed curves, the closed curves and the lines corresponding to a three-

dimensional form model;]

projecting two-dimensional horizontal closed curves encircling the three-

dimensional form model with leaving a space to the three-dimensional form model and

vertical lines intersecting the closed curves to the three-dimensional form model

[horizontal closed curves including a three-dimensional form model and vertical lines

intersecting the closed curves] to generate a group of curves along a surface of the three-

dimensional [three dimensional] form model; and

modifying the group of curves by deleting a curve or curves in the group of

curves.

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21.   (Twice Amended) A computer system comprising:

a processor; and

a memory coupled to said processor, the memory having stored therein a

sequence of instructions which, when executed by said processor, cause said processor to

generate three-dimensional form data by causing the processor to perform the steps of:

[generating two-dimensional horizontal closed curves and vertical lines

intersecting the closed curves, the closed curves and the lines corresponding to a three-

dimensional form model;]

projecting two-dimensional horizontal closed curves encircling the three-

dimensional form model with leaving a space to the three-dimensional form model and

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vertical lines intersecting the closed curves to the three-dimensional form model [horizontal closed curves including a three-dimensional form model and vertical lines intersecting the closed curves] to generate a group of curves along a surface of the three-dimensional [three dimensional] form model; and

modifying the group of curves by adding a curve or curves projected to the three-dimensional form model to the group of curves.

22.   (Twice Amended) A computer system comprising:

a processor; and

a memory coupled to said processor, the memory having stored therein a sequence of instructions which, when executed by said processor, cause said processor to generate three-dimensional form data by causing the processor to perform the steps of:

[generating two-dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines corresponding to a three-dimensional form model;]

projecting two-dimensional horizontal closed curves encircling the three-dimensional form model with leaving a space to the three-dimensional form model and vertical lines intersecting the closed curves to the three-dimensional form model [horizontal closed curves including a three-dimensional form model and vertical lines intersecting the closed curves] to generate a group of curves along a surface of the three-dimensional [three dimensional] form model; and

modifying the group of curves by deleting a curve or curves in the group of curves.

29.   (Once Amended) A computer- implemented method of generating three-dimensional form data to be used in a computer apparatus, the method comprising the steps of:

obtaining a three-dimensional form data representing a three-dimensional form model [preparing a three-dimensional form model defined by three-dimensional form data made of a first quantity of data];

projecting a plurality of lines to [along] a surface of the three-dimensional form model, whereby the plurality of projected lines compose a first set of contours of the obtained three-dimensional form model; and

modifying the plurality of projected lines [along the surface of the three-dimensional form model] ,whereby the plurality of projected lines compose a second set of contours of the obtained three-dimensional form model differing from the first set of contour. [;

generating a three-dimensional form data based on the modified lines; and

outputting the three-dimensional form data based on the modified lines for the three-dimensional form model, wherein

a second quantity of data of the outputted three-dimensional form data is smaller than the first quantity of data of prepared three-dimensional form model.]

Please add claims 34-37 as follows.

34.   (New) The method according to claim 29, further comprising the step of:

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generating a summary data for representing said second set of contour, wherein a quantity of the summary data is smaller than a quantity of the obtained three-dimensional form data.

35. (New) The method according to claim 29, wherein the three-dimensional form data is provided from a generator which generates the three-dimensional form data.

36 (New) The method according to claim 29, wherein said modifying step comprises the step of adding in the plurality of lines at least one line to be projected.

37. (New) A computer system comprising:

a processor; and

a memory coupled to said processor, the memory having stored therein a sequence of instructions which, when executed by said processor, cause said processor to generate three-dimensional form data by causing the processor to perform the steps of:

projecting two-dimensional horizontal closed curves encircling the three-dimensional form model with leaving a space to the three-dimensional form model and vertical lines intersecting the closed curves to the three-dimensional form model to generate a group of curves along a surface of the three-dimensional form model; and

modifying the group of curves by moving a curve or curves in the group along a surface of the three-dimensional form model.